



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Haixiang Liang

Title: IMPAIRMENT SENSITIVE SELECTION OF CONSTELLATION  
POINTS FOR COMMUNICATION ACROSS A CHANNEL

Application No.: 09/627,571

Filed: July 28, 2000

Examiner: A. C. Park

Group Art Unit: 2634

Atty. Docket No.: 1005-0018

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COMMISSIONER FOR PATENTS  
Washington, DC 20231

**INFORMATION DISCLOSURE STATEMENT**  
*including Statement under 37 C.F.R. § 1.97(e)(1)*

Dear Sir:

Pursuant to 37 C.F.R. § 1.56, § 1.97 and § 1.98, the undersigned brings the patents, publications, applications or other information identified in the attached:

- ☒ Form(s) PTO-1449  
☐ Other: n/a

to the Examiner's attention in the above-identified application. Citation of such information shall not be construed as:

1. an admission that the information necessarily is, or corresponds to, prior art with respect to the instant invention;
2. a representation that a search has been made, other than as described below; or
3. an admission that the information cited herein is, or is considered to be, material to patentability as defined in § 1.56(b).

For each item of information listed that is not in the English language, the undersigned has provided a concise explanation of the relevance through (i) an English language abstract, (ii) an English language equivalent application, or (iii) if cited in a search report or other action by a foreign patent office in a counterpart foreign application, an English language version of the search report or action that indicates the degree of relevance found by the foreign office.

STATEMENT UNDER 37 C.F.R. § 1.97(e)(1)

Each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement.

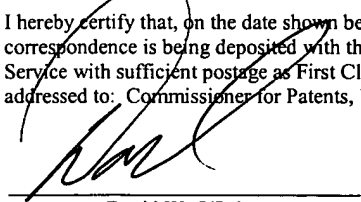

STATEMENT UNDER 37 C.F.R. § 1.704(d)

If the above-identified application is an original application filed on or after May 29, 2000:

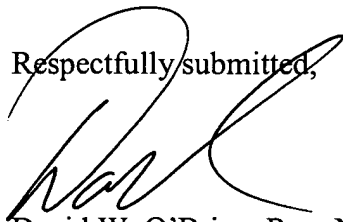
- ☒ each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart application and this communication was not received by any individual designated in § 1.56(c) more than thirty days prior to the filing of this Information Disclosure Statement.

FEE AUTHORIZATION

- ☒ The undersigned believes that this Information Disclosure Statement is being filed before the mailing date of (i) a final action under § 1.113, (ii) a notice of allowance under § 1.311 or (iii) an action that otherwise closes prosecution. Therefore, no fee is believed required.
- ☐ If however, this Information Disclosure Statement is filed after the period specified in § 1.97(c), the undersigned hereby authorizes the Commissioner to charge the fee set forth in § 1.17(p) to Deposit Account No. 50-0631.
- ☐ This Information Disclosure Statement is being filed after the period specified in § 1.97(c), but on or before payment of the issue fee. Accordingly, the fee set forth in § 1.17(p) is required and provided as follows:
- ☐ A check in the amount of n/a is enclosed herewith.
- ☐ The undersigned hereby authorizes the Commissioner to charge the fee set forth in § 1.17(p) to Deposit Account No. n/a.

<u>CERTIFICATE OF MAILING</u>	
I hereby certify that, on the date shown below, this correspondence is being deposited with the United States Postal Service with sufficient postage as First Class Mail in an envelope addressed to: Commissioner for Patents, Washington, DC 20231.	
	
David W. O'Brien	Date

Respectfully submitted,

  
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